

10TH STREET SITE

NEBRASKA

EPA ID# NED981713837

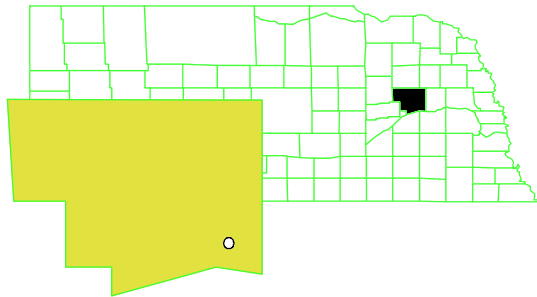
EPA Region 7

City: Columbus

County: Platte County

Other Names: Columbus Public

Water Supply



SITE DESCRIPTION

The 10th Street Site consists of contaminated municipal wells located in the City of Columbus. Sampling by EPA and the state revealed the presence of volatile organic compounds (VOCs) in the municipal drinking water supply wells. Sampling of the groundwater in areas surrounding the municipal well fields show VOCs in the aquifer underlying commercial and residential areas of the city. Although potential sources of the contamination were identified by field investigations, recent groundwater data suggest that additional unidentified sources exist. The city's water distribution system provides drinking water to approximately 19,000 people. The water supply is tested by the state and consistently meets the Safe Drinking Water Act (SDWA) limits for public water supplies.

Site Responsibility:

This site is being addressed through Federal actions.

NPL LISTING HISTORY

Proposed Date: 10/26/89

Final Date: 08/30/90

Deleted Date:

THREATS AND CONTAMINANTS

Description: The groundwater serving municipal wells is contaminated with the VOCs tetrachloroethylene (PCE) and trichloroethylene (TCE). PCE and TCE are found in the soils at some locations and volatilize to form vapors which can be trapped in soils and underground structures. People could be exposed to these contaminants through the use of water

from contaminated wells and breathing air in confined spaces. At this time, the use of water from private wells should be discouraged, pending identification of all source areas.

CLEANUP APPROACH

Response Action Status

Entire Site: The EPA completed an investigation into the nature and extent of site contamination in 1995. The EPA selected institutional controls and groundwater monitoring as the remedy for the site. The EPA completed four rounds of groundwater sampling in April 1998. The results of this sampling effort have been provided to the Nebraska Department of Health, the Nebraska Department of Environmental Quality and the city of Columbus, Nebraska.

The city has contacted the citizens with private wells located within the area of known contamination and arranged for testing of the private wells. Discussion of future actions are continuing. EPA is planning to collect additional samples in areas not previously sampled in order to locate other sources of the contamination.

Description:

Site Facts:

ENVIRONMENTAL PROGRESS



After adding this site to the NPL, the EPA performed preliminary investigations and determined that no immediate actions were required at the 10th Street Site while cleanup remedial investigation is being performed. Subsequent testing of the city's drinking water supply shows improved water quality since the site was discovered. Current efforts are directed toward a decision about the potential need for cleanup activities.

SITE REPOSITORY



Columbus Public Library, 2504
Fourteenth Street, Columbus, NE

Superfund Records Center
901 N. 5th St.
Kansas City, KS 66101
Mail Stop SUPR
(913)551-4038

REGIONAL CONTACTS

SITE MANAGER:

E-MAIL ADDRESS:

Darrell Sommerhauser
sommerhauser.darrell@www.epagov
(913) 551-7711

COMMUNITY INVOLVEMENT

COORDINATOR:

PHONE NUMBER:

Dana Blubaugh
(913) 551-7577

PUBLIC INFORMATION CENTER:

E-MAIL ADDRESS:

STATE CONTACT:

PHONE NUMBER:

Brett Anderson
(402) 471-2223

MISCELLANEOUS INFORMATION

STATE:

PACIFIC ISLAND(S):

07CS

CONGRESSIONAL DISTRICT:

03

EPA ORGANIZATION:

SFD-EPA - REGION 7

MODIFICATIONS